WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE.

and

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah State University, U.S. National Park Service, U.S. Geological Survey; and other Federal, State, and private organizations.

AS OF
JUNE 1, 1968

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data or reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

D. A. WILLIAMS, Administrator

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 507, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85205
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	P. O. Box 38, Boise, Idaho 83707
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Building, Salt Lake City, Utah 84111
Washington	360 Federal Office Building, Spokane, Washington 99201
Wyoming	P. O. Box 340, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

D.A. WILLIAMS
ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

A.R. SWANSON
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

HUBERT C. LAMBERT
STATE ENGINEER
DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES

Report prepared by

GREGORY L. PEARSON, Snow Survey Supervisor
and
PAUL KEIL , Assistant Snow Survey Supervisor
SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY UTAH 84111

WATER SUPPLY OUTLOOK

as of

JUNE 7, 1968

and

Special Measurements
During 1967-68 Season

Precipitation in northern Utah for the month of May ranged from about 80% to 110% of normal. The rest of the state ranged from 90% to 135% of average for most watersheds.

The present snowpack for this time of year is one of the highest in the history of snow surveys. The cold below normal temperatures combined with above average precipitation for the months of April and May have slowed the snowmelt, thus delaying the streamflow runoff. Most streams should reach their peaks during the 1st half of June.

Due to the delayed snowmelt conditions, streamflow should hold up exceptionally well into late summer months providing excellent water supplies for all crops this season.

SNOW

SUPPLEMENTAL MEASUREMENTS FOR UTAH

JUNE 1, 1968

DRAINAGE BASIN and SNOW COURSE NAME	NO.	ELEVATION	CURRENT INFORMATION: DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	PAST RECORD: WATER CONTENT (Inches) LAST YEAR	AVERAGE [a]	2 yrs. ago
Big Flat	12L7	10290	5/27	47	19.3	14.7		0.0
Ben Lomond Peak	11H8	8000	5/28	24	11.8	- -		- -
Black's Flat-U.M. Creek	11L4	9250	5/28	4	1.6	- -		- -
Black's Fork G. S.	10J21	9300	5/27	19	8.1	0.9		0.0
Black's Fork Jction	10J22	8925	5/27	5	1.6	- -		- -
Brian Head	12M14	10000	5/28	23	10.1	11.4		0.0
Box Creek	12L4	9800	5/29	7	2.7	0.6		0.0
Buck Flat	11K31	9400	5/28	14	5.3	- -		0.0
Cedar Breaks	12M1	10390	5/28	20	8.6	20.0		0.0
Chalk Creek #1	11J1	9100	5/29	45	20.2	23.8		0.0
Chalk Creek #2	11J2	8000	5/29	7	3.1	4.3		0.0
Dry Bread Pond	11H13	8230	5/27	2	1.0	2.2		0.0
Farmington Canyon(u)	11J11	8000	5/31	28	12.8	17.8		0.0
G.B.R.C. Headquarters	11K11	8700	5/31	4	2.1	- -		- -
G.B.R.C. Meadows	11K10	10000	5/31	44	20.6	17.2		0.0
Gooseberry Reservoir	11K4	8700	5/27	29	13.3	7.6		0.0
Hayden Fork	10J7	9300	5/28	24	10.6	10.1		0.0
Hewinta G. S.	10J4	9500	5/27	16	6.8	- -		- -
Hickerson Park	9J8	9100	5/23	3	1.1	- -		= -
Horse Ridge	11H21	8260	5/27	5	2.6	0.7		0.0
Indian Canyon	10K1	9100	5/28	15	6.2	- -		- -
Julius Park	9J6	9800	5/24	41	14.2	3.7		0.0
Kimberly Mine	12L6	8900	5/28	20	8.2	1.8		0.0
King's Cabin(lower)	9J2	8600	5/23	11	3.2	- -		0.0
King's Cabin(upper)	9J1	8730	5/23	24	8.9	- -		0.0
Lakefork Mountain	10J10	10500	5/27	35	12.7	0.5		0.0
LaSal Mountain(upper)	9L2	9600	5/29	10	4.6	- -		0.0
Mammoth R.S.-Cottonwd.Crk	11K3	8800	5/27	27	12.2	9.7		0.0
Midway Valley	12M2	9800	5/28	26	11.5	18.5		0.0
Monte Cristo R.S.	11H12	8960	5/27	35	16.1	18.3		0.0
Mosby Mountain	9J5	9500	5/24	32	9.5	2.3		0.0
Mt. Baldy	11K12	9500	5/28	44	21.3	8.8		0.0
Otter Lake	12L8	9300	5/27	26	10.6	3.6		0.0
Paradise Park	9J3	10100	5/24	45	14.6	7.9		0.6
Red Pine Ridge	11K28	9400	5/27	15	6.2	- -		- -
Redden Mine(lower)	11J6	8500	5/31	13	5.9	4.0		- -
Redden Mine(upper)	11J5	9000	5/31	19	9.1	7.6		= -
Rock Creek	10J18	7900	6/3	37	15.7	- -		- -
Rush Pond	11K38	9800	5/28	7	2.5	- -		- -
Seeley Creek R.S.	11K9	10000	5/31	28	13.0	- -		- -
Silver Lake	11J16	8725	5/29	34	21.8	29.1		0.0
Steel Creek Park	10J20	9900	5/27	51	19.9	14.7		1.6
Spirit Lake	9J7	10300	5/23	47	16.7	8.6		0.0

*(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. * Estimated 1948-62, 15 year average.*

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches) LAST YEAR	AVERAGE [a]
							2 yrs. ago
JUNE 1, 1968 - Continued							
Steep Hollow (upper)	11H27	8500	5/31	46	22.2	36.4	1.6
Switchback	11K26	8600	5/27	14	5.4	- -	- -
Timpanogos Divide	11J21	8140	5/28	14	7.4	13.2	0.0
Trial Lake	10J8	9800	5/29	58	29.8	32.9	6.6
Widtsoe-Escalante #2	11M2	9500	5/29	3	1.0	- -	- -
Widtsoe-Escalante #3	11M3	9500	5/29	2	0.7	- -	- -
DECEMBER 1, 1967							
Big Flat	12L7	10290	11/30	7	1.1	2.3	5.8
Buck Flat	11K31	9400	12/7	10	1.3	2.3	4.0
Dutchman G. S.	11J17	7500	11/30	10	1.1	- -	- -
Merchant's Valley(upper)	12L9	8200	11/30	5	0.5	0.0	2.4
Mud Creek #2	11K33	8300	12/5	10	1.2	Patchy	3.1
Red Pine Ridge	11K28	9400	12/6	15	2.0	- -	- -
Rush Pond	11K38	9300	12/7	10	1.5	2.2	3.4
Stuart R. S.	11K27	7950	12/8	17	1.6	Trace	1.9
Upper Joe's Valley	11K29	8800	12/6	8	0.6	2.9	2.6
White River #1	10K2	8600	12/1	16	1.5	1.6	2.7
Wrigley Creek	11K32	9000	12/7	8	0.9	1.4	3.4

*(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. * Estimated 1948-62, 15 year average.*

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948-62 AVERAGE	THIS YEAR	1948-62 AVERAGE	PERCENT OF AVERAGE
GREAT BASIN DRAINAGE							
UPPER BEAR RIVER (Above Harer, Idaho)							
Burts-Miller Ranch	7900	5/28	3.48	- -	16.42	- -	- -
Chalk Creek #1*	9100	No Report			- -	- -	- -
Chalk Creek #2*	8000	No Report		2.35	- -	21.30	- -
Chalk Creek #3*	7500	5/29	3.97	1.90	20.68	17.50	118
Hayden Fork	9300	5/28	4.09	- -	29.98	- -	- -
Monte Cristo #2	8960	5/27	3.17	3.10	31.98	36.25	88
Salt River Summit	7900	5/29	1.15	2.30	14.30	22.80	63
Stillwater Camp	8550	5/28	3.01	1.80	20.70	16.45	126
Trial Lake*	9800	5/29	3.91	2.70	34.22	29.90	114
LOWER BEAR RIVER (Below Harer, Idaho)							
Dry Bread Pond	8230	5/27	3.04	2.80	23.87	27.85	86
Garden City Summit	7600	5/31	1.78	2.65	21.78	24.25	90
Klondike Narrows	7400	No Report		3.30	- -	30.00	- -
Little Bear (upper)	6850	No Report		2.60	- -	24.70	- -
Monte Cristo #2	8960	5/27	3.17	3.10	31.98	36.25	88
Willow Flat	6100	5/28	2.15	3.10	27.02	30.80	88
OGDEN RIVER							
Ben Lomond(lower)	5850	5/28	2.24	3.25	31.52	32.50	97
Ben Lomond Trail	6000	5/28	2.48	3.40	34.04	34.10	100
Causey Dam	5500	5/27	1.76	1.75	14.04	17.65	80
Dry Bread Pond	8230	5/27	3.04	2.80	23.87	27.85	86
Horse Ridge	8260	5/27	2.70	- -	29.48	- -	- -
Monte Cristo #2*	8960	5/27	3.17	3.10	31.98	36.25	88
Sagebrush Flat	6300	5/27	1.87	1.85	14.23	18.70	76
WEBER RIVER							
Chalk Creek #1	9100	No Report		- -	- -	- -	- -
Chalk Creek #2	8000	No Report		2.35	- -	21.30	- -
Chalk Creek #3	7500	5/29	3.97	1.90	20.68	17.50	118
Farmington Guard Sta.(1)	7500	5/30	3.80	3.95	36.66	38.35	96
Farmington Rice (1)	7000	5/30	3.73	3.75a	36.98	35.68a	104
Horse Ridge	8260	5/27	2.70	- -	29.48	- -	- -
Lost Creek Reservoir	6125	5/29	1.38	- -	14.03	- -	- -
Mt. Dell Dam (2)*	5500	5/31	4.35	2.22a	21.52	17.86a	120
Parley's Canyon Smt.	7500	5/28	4.40	2.70	31.60	27.00	117
Redden Mine (upper)	9000	5/31	4.48	- -	34.44	- -	- -
Silver Lake(Brighton)(2)*	8725	5/31	5.62	3.01a	38.39	36.00a	107
Smith & Morehouse	7600	5/28	4.13	2.55	28.73	23.75	121
Trial Lake*	9300	5/29	3.91	2.70	24.22	29.90	114

*(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.*

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948-62 AVERAGE	THIS YEAR	1948-62 AVERAGE	PERCENT OF AVERAGE
PROVO RIVER & UTAH LAKE							
Clear Creek Ridge #2	8000	5/28	2.45	2.10	21.27	21.10	101
Daniels-Strawberry Smt.	8000	5/31	2.60	2.20	23.79	23.40	102
Dutchman R. S.	7500	5/29	3.20	2.36	28.53	31.81	90
East Portal Ridge	7800	5/31	2.20	2.20	22.49	23.40	96
Hobble Creek Smt.	7300	5/28	2.67	2.35	23.99	22.55	106
Payson R. S.	8050	5/28	2.10	2.35	23.72	23.25	102
Soapstone R. S.	7800	5/29	3.07	2.30	24.82	21.00	118
Timpanogos Divide	8200	5/28	3.95	2.36a	33.30	31.81a	105
Trial Lake	9800	5/29	3.91	2.70	34.22	29.90	114
JORDAN RIVER & TOOELE VALLEY							
Middle Canyon	7000	5/27	4.47	2.40	25.94	22.70	114
Mt. Dell Dam (2)	5500	5/31	4.35	2.22a	21.52	17.86a	120
Parley's Canyon Smt.	7500	5/28	4.40	2.70	31.60	27.00	117
Silver Lake(Brighton)(2)	8725	5/31	5.62	3.01a	38.39	36.00a	107
Vernon Creek	7500	5/27	1.33	- -	19.26	- -	- -
SEVIER RIVER ABOVE RICHFIELD							
Big Flat*	10290	5/27	2.60	2.45	25.40	24.30	104
Box Creek	9800	5/29	1.82	1.85	20.86	17.25	121
Castle Valley	9700	5/29	1.85	2.35	20.22	21.55	94
Cedar Breaks	10390	5/28	2.37	3.10	24.78	28.25	88
Duck Creek R. S.	8560	5/31	2.30	2.60	23.58	25.00	94
Fish Lake	8700	5/28	1.78	1.47	14.23	10.43	136
Kimberly Mine	8900	5/28	2.55	2.40	28.84	23.80	121
Panguitch Lake	8200	5/29	1.10	1.05	10.78	9.70	111
Webster Flat*	9200	5/28	2.16	3.00	25.38	27.00	94
Widtsoe-Escalante #3	9500	5/29	2.20	1.80	18.24	16.40	111
Widtsoe R. S.	7600	5/29	1.54	0.75a	8.63	6.73a	128
SEVIER RIVER BELOW RICHFIELD (Including San Pitch River)							
Beaver Dams	8000	5/28	1.40	2.10	21.15	19.80	107
Farnsworth Lake	9900	No Report		2.45	- -	24.25	- -
G.B.R.C. Headquarters(1)	8700	5/31	1.55	2.52a	25.91	24.97a	104
G.B.R.C. Meadows(1)	10000	5/31	1.76	2.77a	29.97	27.59a	109
G.B.R.C. Oaks (1)	7655	5/31	0.94	1.85a	17.85	17.37a	103
Gooseberry R. S. (1)	7800	5/29	0.90	1.90	19.38	17.00	114
Gooseberry Reservoir*	8700	5/27	2.77	2.35	27.40	24.00	114
Mammoth R. S. #2*	8600	5/27	2.50	2.35	27.72	23.80	116
Mt. Baldy R. S.	9500	5/28	1.93	- -	26.52	- -	- -
Oak Creek	7760	5/27	1.89	- -	22.65	- -	- -
Pine Creek	8700	5/31	2.38	3.00	34.99	30.40	115
Shingle Mill	6200	5/27	1.56	2.15	22.76	19.65	116

*(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.*

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948-62 AVERAGE	THIS YEAR	1948-62 AVERAGE	PERCENT OF AVERAGE
BEAVER RIVER							
Beaver Canyon P.H. (2)	7275	6/1	1.31	1.39a	15.68	13.58a	115
Big Flat	10290	5/27	2.60	2.45	25.40	24.30	104
Merchant's Valley	8650	5/27	2.13	- -	22.71	- -	- -
PAROWAN CREEK							
Tall Poles	8800	5/28	1.55	- -	20.82	- -	- -
Yankee Reservoir	8700	5/28	0.95	1.70	15.93	15.30	104
COAL CREEK							
Cedar Breaks	10390	5/28	2.37	3.10	24.78	28.25	88
Webster Flat*	9200	5/28	2.16	3.00	25.38	27.00	94
ENTERPRISE TO NEW HARMONY DRAINAGE							
Little Grassy Creek	6100	5/31	0.64	1.35	16.81	15.25	110
Long Flat	8000	5/29	0.82	1.65	14.20	17.95	79
COLORADO RIVER DRAINAGE							
UPPER GREEN RIVER IN UTAH (Tributaries above Flaming Gorge)							
Black's Fork Jct.	8925	5/27	3.12	2.30	17.83	15.60	114
Burnt Creek	7900	5/23	2.21	- -	13.18	- -	- -
E.Fk. Black's Fk. G.S.	9300	No Report		2.50	- -	16.10	- -
Hewinta G. S.	9500	5/27	2.91	2.75	19.23	17.25	111
Hickerson Park	9100	5/23	2.58	- -	14.36	- -	- -
Spirit Lake	10300	5/23	4.87	3.75	24.16	21.50	112
GREEN RIVER TRIBUTARIES BETWEEN FLAMING GORGE & DUCHESNE RIVER							
Grizzly Ridge	8500	5/23	1.37	- -	20.43	- -	- -
King's Cabin(upper)	8730	5/23	2.95	1.85	20.33	16.80	121
DUCHESNE RIVER							
Currant Creek	7800	5/28	2.75	1.50	17.14	16.60	103
Daniels-Strawberry Smt.*	8000	5/31	2.60	2.20	23.79	23.40	102
East Portal Ridge*	7800	5/31	2.20	2.20	22.49	23.40	96
Indian Canyon	9100	5/28	2.23	2.15	20.03	19.50	103
Julius Park	9800	5/24	3.39	2.10	20.03	19.00	105
Lakefork Mountain	10500	5/27	2.91	1.85	19.34	17.65	110
Moon Lake	8150	5/31	2.55	1.58a	12.20	10.92a	112

*(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.*

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948-62 AVERAGE	THIS YEAR	1948-62 AVERAGE	PERCENT OF AVERAGE
DUCHESNE RIVER - Continued							
Paradise Park	10100	5/24	4.18	2.30	22.17	20.40	109
Rock Creek	7900	6/3	3.16	1.45	14.37	14.95	96
Soapstone R. S.	7800	5/29	3.07	2.30	24.82	21.00	118
Trial Lake	9800	5/29	3.91	2.70	34.22	29.90	114
White River #1*	8600	No Report		2.25	- -	- -	- -
PRICE RIVER							
Clear Creek Ridge #2*	8000	5/28	2.45	2.10	21.27	21.10	101
Gooseberry Reservoir	8700	5/27	2.77	2.35	27.40	24.00	114
Indian Canyon	9100	5/28	2.23	2.15	20.03	19.50	103
Mammoth R. S. #2	8600	5/27	2.50	2.35	27.72	23.80	116
Mud Creek	8300	5/28	2.00	1.75	21.10	19.85	106
White River #1	8600	No Report		2.25	- -	20.50	- -
SAN RAFAEL RIVER							
Buck Flat	9400	5/28	1.90	2.25	21.45	22.50	95
G.B.R.C. Meadows(1)*	10000	5/31	1.76	2.77a	29.97	27.59a	109
Gooseberry Reservoir*	8700	5/27	2.77	2.35	27.40	24.00	114
Orange Olsen	7300	5/28	1.00	- -	10.70	- -	- -
Red Pine Ridge	9400	5/27	2.20	2.70	28.70	26.90	107
MUDDY RIVER							
Mt. Baldy R. S.*	9500	5/28	1.93	- -	26.52	- -	- -
FREMONT & ESCALANTE RIVERS							
Black's Flat-U.M. Crk.	9250	5/28	1.94	1.70	18.49	15.40	120
Farnsworth Lake*	9900	No Report		2.45	- -	24.25	- -
Fish Lake	8700	5/28	1.78	1.47	14.23	10.43	136
Widtsoe-Escalante #3	9500	5/29	2.20	1.80	18.24	16.40	111
VIRGIN RIVER							
Duck Creek R. S.	8560	5/31	2.30	2.60	23.58	25.00	94
Webster Flat	9200	5/28	2.16	3.00	25.38	27.00	94
SOUTHEASTERN UTAH DRAINAGES							
Buckboard Flat	9000	5/28	2.55	2.60	23.05	26.50	87
Camp Jackson	8600	5/28	1.25	2.05	19.55	20.95	93
LaSal Mountain(upper)	9600	5/29	1.60	2.50	23.50	25.20	93

*(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.*

SOIL MOISTURE

STATION NAME	ELEVATION	PROFILE (Inches) DEPTH	PROFILE (Inches) CAPACITY	SOIL MOISTURE (Inches) DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
JULY 1, 1967							
Currant Creek	7800	72	22.0	6/15	18.1	- -	- -
Little Grassy Creek	6100	72	24.5	7/3	11.4	12.4	- -
AUGUST 1, 1967							
Little Grassy Creek	6100	72	24.5	7/26	8.2	- -	- -
Mammoth R.S.-Cottonwood Crk.	8800	60	21.9	8/3	15.2	- -	- -
SEPTEMBER 1, 1967							
Little Grassy Creek	6100	72	24.5	9/1	8.1	- -	- -
Mammoth R.S.-Cottonwood Crk.	8800	60	21.9	8/31	12.3	7.9	- -
OCTOBER 1, 1967							
Beaver Creek-Skunk Crk.	7150	48	18.4	9/29	8.2	6.7	9.0
Ben Lomond(lower)	5850	72	26.5	9/29	11.0	11.5	21.5
Currant Creek	7800	72	22.0	10/4	14.4	- -	- -
Daniels-Strawberry Smt.	8000	48	14.0	9/26	6.3	6.5	6.7
Dry Bread Pond	8230	48	19.0	9/29	12.0	11.4	15.3
Little Grassy Creek	6100	72	24.5	10/5	8.9	8.0	13.3
Mammoth R.S.-Cottonwood Crk.	8800	60	21.9	9/28	11.1	9.0	15.4
Mud Creek	8300	72	14.4	10/5	11.6	10.9	11.7
White River #1	8600	48	16.0	10/6	9.1	9.1	11.8
NOVEMBER 1, 1967							
Beaver Creek-Skunk Crk.	7150	48	18.4	11/2	8.5	6.7	- -
Chalk Creek #2	8000	48	18.0	11/15	14.5	11.9	16.0
Currant Creek	7800	72	22.0	10/31	13.7	14.3	- -
Daniels-Strawberry Smt.	8000	48	14.0	11/1	6.0	7.4	6.3
Dry Bread Pond	8230	48	19.0	11/2	13.7	10.7	- -
Mammoth R.S.-Cottonwood Crk.	8800	60	21.9	10/29	11.0	11.9	16.5
Mud Creek	8300	72	14.4	11/2	11.2	10.8	11.5
White River #1	8600	48	16.0	11/2	8.1	6.2	12.0
DECEMBER 1, 1967							
Ben Lomond(lower)	5850	72	26.5	11/30	13.6	13.7	- -
Dry Bread Pond	8230	48	19.0	11/30	13.5	12.9	- -
Little Grassy Creek	6100	72	24.5	11/28	8.4	7.8	17.2
Daniels-Strawberry Smt.	8000	48	14.0	12/1	6.1	- -	- -
Mammoth R.S.-Ctnwd. Crk.	8800	60	21.9	11/29	10.4	- -	- -

SOIL MOISTURE

STATION NAME	ELEVATION	PROFILE (Inches) DEPTH	PROFILE (Inches) CAPACITY	SOIL MOISTURE (Inches) DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
JANUARY 1, 1968							
Ben Lomond (lower)	5850	72	26.5	12/29	13.3	21.8	- -
Daniels-Strawberry Smt.	8000	48	14.0	12/29	6.1	10.0	8.3
Mud Creek	8300	72	14.4	12/29	10.5	- -	- -
FEBRUARY 1, 1968							
Beaver Creek-Skunk Crk.	7150	48	18.4	1/29	8.1	8.9	- -
Ben Lomond (lower)	5850	72	26.5	1/30	13.6	22.0	- -
Chalk Creek #2	8000	48	18.0	1/29	13.3	12.2	15.7
Daniels-Strawberry Smt.	8000	48	14.0	1/31	6.6	- -	- -
Dry Bread Pond	8230	48	19.0	1/29	13.6	13.5	- -
Mammoth R.S.-Cottonwood Crk.	8800	60	21.9	1/29	10.7	12.5	16.6
Mud Creek	8300	72	14.4	1/30	10.5	10.8	11.1
MARCH, 1968							
Ben Lomond (lower)	5850	72	26.5	2/27	17.8	22.3	- -
Grassy Trail Crk.-Left Fk.	7970	48	14.5	2/29	7.8	9.3	15.2
Little Grassy Creek	6100	72	24.5	2/29	12.2	- -	- -
Mammoth R.S.-Ctnwood Crk.	8800	60	21.9	2/27	10.9	12.5	16.6
Mud Creek	8300	72	14.4	3/1	10.6	10.8	11.1
White River #1	8600	48	16.0	2/28	8.9	6.8	12.1
APRIL 1, 1968							
Beaver Creek-Skunk Crk.	7150	48	18.4	3/28	9.3	14.3	15.1
Ben Lomond (lower)	5850	72	26.5	3/29	21.7	22.4	23.5
Chalk Creek #2	8000	48	18.0	3/26	12.5	12.4	15.7
Currant Creek	7800	72	22.0	3/28	14.3	- -	- -
Dry Bread Pond	8230	48	19.0	3/28	14.1	16.5	14.0
Little Grassy Creek	6100	72	24.5	3/28	19.1	- -	- -
Mammoth R.S.-Cottonwd. Crk.	8800	60	21.9	3/26	11.2	12.9	16.6
Mud Creek	8300	72	14.4	4/1	8.4	10.8	11.5
MAY 1, 1968							
Beaver Creek-Skunk Crk.	7150	48	18.4	4/24	14.9	16.0	- -
Ben Lomond (lower)	5850	72	26.5	4/26	23.0	22.9	23.0
Chalk Creek #2	8000	48	18.0	4/24	13.6	13.4	17.5
Corral	8200	48	13.4	5/1	12.0	- -	- -
Currant Creek	7800	72	22.0	4/26	17.5	17.6	- -
Dry Bread Pond	8230	48	19.0	4/24	16.7	15.7	16.6
Grassy Trail Crk-Left Fk.	7970	48	14.5	5/1	9.7	12.8	14.5
Little Grassy Creek	6100	72	24.5	4/26	18.9	19.8	19.8
Mammoth R.S.-Ctnwood Crk.	8800	60	21.9	4/26	11.5	12.9	19.7

SOIL MOISTURE

STATION NAME	ELEVATION	PROFILE (Inches) DEPTH	PROFILE (Inches) CAPACITY	SOIL MOISTURE (Inches) DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
JUNE 1, 1968							
Beaver Creek-Skunk Crk.	7150	48	18.4	5/27	13.0	15.8	16.2
Ben Lomond(lower)	5850	72	26.5	5/27	23.1	23.0	23.2
Chalk Creek #2	8000	48	18.0	5/29	14.1	18.1	17.3
Currant Creek	7800	72	22.0	5/27	18.0	18.1	- -
Dry Bread Pond	8230	48	19.0	5/27	16.7	16.7	16.5
Little Grassy Creek	6100	72	24.5	5/31	17.0	17.9	18.8
Mammoth R.S.-Cottonwood Crk	8800	60	21.9	5/27	17.8	19.2	20.1
Mud Creek	8300	72	14.4	5/28	11.8	12.1	11.1

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
- Soil Conservation Service
- Forest Service

U.S. Department of Commerce
- Weather Bureau

U.S. Department of Interior
- Bureau of Reclamation
- Geological Survey
- National Park Service

STATE AGENCIES

Utah State University

Utah Fish and Game Department

Utah State Department of Natural Resources, Division of Water Rights
- Bear River Commissioner
- Price River Commissioner
- Provo River Commissioner
- Sevier River Commissioners
- Spanish Fork River Commissioner
- Utah Lake and Jordan River Commissioner

MUNICIPALITIES

- Manti
- Salt Lake City

ORGANIZED PUBLIC AGENCIES

- Beaver River Water Users Association
- Board of Canal Presidents - Jordan River
- Emery Canal and Reservoir Company
- Moon Lake Water Users Association
- Ogden River Water Users Association
- Provo River Water Users Association
- Strawberry Water Users Association
- Sevier River Water Users Association

PRIVATE AGENCIES

- Kaiser Steel Corporation

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
FEDERAL BLDG. -- ROOM 4012
SALT LAKE CITY, UTAH 84111

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF AGRICULTURE

FIRST CLASS MAIL

FEDERAL - STATE - PRIVATE

COOPERATIVE SNOW SURVEYS

Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation , navigation , mining and industry

"The Conservation of Water begins with the Snow Survey"


UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY
U.S. DEPARTMENT OF AGRICULTURE


UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY
U.S. DEPARTMENT OF AGRICULTURE